PATENT

File No. E-1825 CIP

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

is attached hereto.

[X]

My residence, post office address, and citizenship are as stated below next to my name,

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND APPARATUS FOR THE DETECTION OF HYDROGENOUS MATERIALS, the specification of which

| [|] | was filed on as Application Serial No |
|------------------------------|--------------------------|--|
| [|] | and was amended on (if applicable) |
| [|] | with amendments through (if applicable) |
| I identified spe | here ecific | by state that I have reviewed and understand the contents of the aboveation, including the claims, as amended by any amendment referred to above. |
| I of this applic | acknation | nowledge the duty to disclose information which is material to the patentability in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a). |
| of any foreignidentified bel | n app low a or pat | ent or inventor's certificate having a filing date before that of the application or |
| i | [X] | no such applications have been filed |
| | [] | such applications have been filed as follows |

| Prior Foreign Application(s) | | | | |
|------------------------------|-----------|------------------------|---------------|--|
| | NONE | (D. (M. 4. (V F.1. 4) | Claimed [][] | |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes No | |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes No | |

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| 09/561,830 | 4/28/2000 | <u>PENDING</u> | |
|--------------------------|---------------|---|--|
| (Application Serial No.) | (Filing Date) | (Status - patented, pending, abandoned) | |
| (Application Serial No.) | (Filing Date) | (Status - patented, pending, abandoned) | |

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Stephen R. May, Registration No. 29,255

Address all correspondence to:

Stephen R. May (K1-53) Intellectual Property Services Battelle Memorial Institute Pacific Northwest Division Post Office Box 999 Richland, WA 99352

Direct all phone calls to him at (509) 375-2387

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| Full name of first joint inventor Richard A. Craig |
|--|
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